

HPD UNIQUE IDENTIFIER: 27386

CLASSIFICATION: 07 46 23 Wood Siding

PRODUCT DESCRIPTION: Thermory real wood cladding adds unequaled sophistication to your walls. Our proven Benchmark series urges you to create natural, timeless elegance, while our Drift series gives you the chance to create a bolder aesthetic. Either way, Thermory cladding is made to make you stand out. Features of our cladding include: smooth-kissed milling, easy installation, low maintenance, JEM joints, and tight seams. Thermory products are naturally enhanced using only heat and steam.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	
☒ Nested Materials Method	☒ 100 ppm	Considered in 1 of 1 Materials	<i>All Substances Above the Threshold Indicated Are:</i>
☐ Basic Method	☐ 1,000 ppm		Characterized ☒ Yes Ex/SC ☐ Yes ☐ No
Threshold Disclosed Per		Explanation(s) provided for Residuals/Impurities?	
☐ Material	☐ Per GHS SDS		<i>% weight and role provided for all substances except SC substances characterized according to SC guidance.</i>
☒ Product	☐ Other	☒ Yes ☐ No	Screened ☒ Yes Ex/SC ☐ Yes ☐ No
			<i>All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.</i>
			Identified ☐ Yes Ex/SC ☐ Yes ☒ No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
SC:BIO:SOLIDWOOD [SC:SOLID WOOD Not Screened]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen
Benchmark or List translator Score ... UNK
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, 10.02.17, version 1

“The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD.”

This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.

The main databases used for researching potential residuals and impurities are Pharos and PubChem (formerly toxnet). Any R/I above the threshold shall be listed on the HPD, otherwise, if none are listed then no residuals or impurities are common in that substance above the threshold.

Every effort has been made to report the substances in this product by the manufacturer to the listed threshold. This is a voluntary, self-reported effort. Any errors or omissions shall be considered human

error and therefore reported to the manufacturer. The manufacturer shall not be liable for omissions.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*
VOC emissions: Non-emitting material

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- ☐ Yes
- ☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2022-01-28
PUBLISHED DATE: 2022-01-28
EXPIRY DATE: 2025-01-28

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

SC:BIO:SOLIDWOOD		%: 100.0000	
PRODUCT THRESHOLD: 100 ppm		RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Wood or Lumber
RESIDUALS AND IMPURITIES NOTES: None noted. Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, 10.02.17, version 1 “The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. The main databases used for researching potential residuals and impurities are Pharos and PubChem (formerly toxnet). Any R/I above the threshold shall be listed on the HPD, otherwise, if none are listed then no residuals or impurities are common in that substance above the threshold.			
OTHER MATERIAL NOTES: SpecialConditionApplied:BiologicalMaterial --- Cladding profiles in the US are: Ash, Knotty Pine, Spruce, Clear Pine			
SC:SOLID WOOD			ID: SC:Bio
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened	
%: 100.0000	GS: Not Screened	RC: None	NANO: No SUBSTANCE ROLE: Biological material
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
Hazard Screening not performed			
SUBSTANCE NOTES: Version: SCBioMats/2018-02-23 Category: Tree-based materials Identifier: Cladding materials in the US are: Ash, pine, and spruce			
This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials. This product is modified using heat and steam. No chemicals are used in the processing of this material.			

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	Non-emitting material		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-01-	EXPIRY DATE:	CERTIFIER OR LAB: SelfCertified
APPLICABLE FACILITIES: This is not a facility designation.	28		by Thermory USA
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Per LEED v 4.1, Low emitting materials, wood is a non-emitting material of VOCs. Thermory USA cladding is a chemically non-treated wood. NO chemicals are used in the processing or treatment of this material.			

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

When hanging this product furring strips are needed. Quarrix® furring strips may be used and purchased in conjunction with your Thermory® Cladding product but are not required. Any furring strip will work. For this reason, furring strips are not included as a hanging system in this HPD, a customer can simply use the cladding system and follow the basic installation instructions. Other installation items not covered in this HPD are the use of a vapor barrier and a pest screen. For the exact installation instructions, consult the cladding installation instructions at: https://www.thermoryusa.com/wp-content/uploads/2020/12/THM570_Cladding-Installation-Guide2.pdf.

Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, 10.02.17, version 1
“The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD.”
This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.
The main databases used for researching potential residuals and impurities are Pharos and PubChem (formerly toxnet). Any R/I above the threshold shall be listed on the HPD, otherwise, if none are listed then no residuals or impurities are common in that substance above the threshold.

MANUFACTURER INFORMATION

MANUFACTURER: Labeling Sustainability
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WEBSITE: www.thermoryusa.com

CONTACT NAME: Geanna Johnson
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content

PostC Post-consumer recycled content

UNK Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.